

WHAT IS CLAIMED IS:

1. An apparatus for searching for recommended music in the internet for a listener, the apparatus comprising:

a genre list memorizing means for storing information of a given music genre list;

a selection history memorizing means for storing the frequency of a selected radio station, broadcast music titles and artist names;

an artist's genre memorizing means for storing given music titles and corresponding artist names and its genre names;

a selected-genre extracting means for extracting the corresponding genre names to the given music titles or artist names in said selection history memorizing means, by using said artist's genre memorizing means, wherein said extraction is initiated by receiving a request for internet-search;

a search request means for sending a search request to the predefined WWW server to download the music, with searching keyword of the genre names which are included in said genre list memorizing means, but which are not included in said extracted genre names by said extracting means; and

a result display means for receiving a search result from said WWW server, and displaying it on the apparatus.

2. An apparatus for searching for recommended music in

the internet for a listener, the apparatus comprising:

a genre list memorizing means for storing information of a given music genre list;

a selection history memorizing means for storing the frequency of a selected radio station, broadcast music titles and artist names;

an artist's genre memorizing means for storing given music titles and corresponding artist names and its genre names;

a selected-genre extracting means for extracting the corresponding genre names to the given music titles or artist names in said selection history memorizing means, by using said artist's genre memorizing means, wherein said extraction is initiated by receiving a request for internet-search;

a search request means for sending a search request to the predefined WWW server to download the music, with searching keyword of the genre names which are included in said genre list memorizing means, but which are not included in said extracted genre names by said extracting means;

a result display means for receiving a search result from said WWW server, and displaying it on the apparatus; and

a processing means for processing said search result from said WWW server, by using the predefined processes.

3. The apparatus of claim 1 or claim 2, wherein said request for internet-search is automatically sent to said extracting means, when radio listening time becomes over the predetermined interval.

4. The apparatus of claim 1 or claim 2, wherein said request for internet-search is automatically sent to said extracting means, when the apparatus fails to find any receivable radio station.

5. The apparatus of claim 1 or claim 2, wherein said request for internet-search is automatically sent to said extracting means, when the apparatus has executed all radio station selection within all receivable radio stations.

6. The apparatus of claim 1 or claim 2, wherein one or more of the genre names of "classic", "jazz", "rock" and "pops" is included in said genre name in said genre list database or in said artist's genre means.

7. The apparatus of claim 2, wherein said predefined process of said processing means is the process to replay a sound-source file.

8. The apparatus of claim 2, wherein said predefined process of said processing means is the text-to-speech reading process.

9. A method for automatically searching for recommended music in the internet for a listener, said method comprising the steps of:

extracting the genre names which correspond to the music titles or artist names in a selection history database in which the frequency of a selected radio station, broadcast music titles and artist names are stored, by using an artist's genre database which stores given music titles and corresponding artist names and its genre names, wherein said extraction is initiated by receiving a request for internet-search;

sending a search request to the predefined WWW server to download the music, with searching keyword of the genre names which are included in a genre list database which stores information of a given music genre list, but which are not included in said extracted genre names by said extracting step; and

receiving a search result from said WWW server, and displaying it on the apparatus.

10. A method for automatically searching for recommended music in the internet for a listener, said method comprising the steps of:

extracting the genre names which correspond to the music titles or artist names in a selection history database in which the frequency of a selected radio station, broadcast music titles and artist names are stored, by using an artist's genre database which stores given music titles and corresponding artist names and its genre names, wherein

said extraction is initiated by receiving a request for internet-search;

sending a search request to the predefined WWW server to download the music, with searching keyword of the genre names which are included in a genre list database which stores information of a given music genre list, but which are not included in said extracted genre names by said extracting step;

receiving a search result from said WWW server, and displaying it on the apparatus; and

processing said search result from said WWW server, by using the predefined processes.

11. A computer-readable medium encoded with a plurality of processor-executable instruction sequences for automatically searching for recommended music in the internet for a listener, said instruction sequences comprising:

extracting the genre names which correspond to the music titles or artist names in a selection history database in which the frequency of a selected radio station, broadcast music titles and artist names are stored, by using an artist's genre database which stores given music titles and corresponding artist names and its genre names, wherein said extraction is initiated by receiving a request for internet-search;

sending a search request to the predefined WWW server to download the music, with searching keyword of the genre names which are included in a genre list database which stores information of a given music genre list, but which are not included in said extracted genre names by said extracting step; and

receiving a search result from said WWW server, and displaying it on the apparatus.

12. A computer-readable medium encoded with a plurality of processor-executable instruction sequences for automatically searching for recommended music in the internet for a listener, said instruction sequences comprising:

extracting the genre names which correspond to the music titles or artist names in a selection history database in which the frequency of a selected radio station, broadcast music titles and artist names are stored, by using an artist's genre database which stores given music titles and corresponding artist names and its genre names, wherein said extraction is initiated by receiving a request for internet-search;

sending a search request to the predefined WWW server to download the music, with searching keyword of the genre names which are included in a genre list database which stores information of a given music genre list, but which

are not included in said extracted genre names by said extracting step;

receiving a search result from said WWW server, and displaying it on the apparatus; and

processing said search result from said WWW server, by using the predefined processes.